

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------------------------|------------------|---------|------------------|
| S1 | 547 | 375/349.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/01 17:22 |
| S2 | 4427 | 375/316,343,346,347,348,350. ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 14:31 |
| S3 | 840 | 375/350.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/01 17:23 |
| S4 | 53 | 375/350.ccls. and jitter and error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/01 17:23 |
| S5 | 56 | 375/350.ccls. and jitter and error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:24 |
| S6 | 28 | (joshua near koslov).in. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:24 |
| S7 | 24 | ((joshua near koslov).in.) and filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:25 |
| S8 | 2 | ((joshua near koslov).in.) and filter and jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:26 |
| S9 | 2334 | jitter with filter\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:26 |
| S10 | 309 | jitter with filter\$4 with error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:26 |
| S11 | 6 | 375/350.ccls. and (jitter with filter\$4 with error) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:50 |
| S12 | 614 | jitter near compensat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:50 |

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|-----|-------|---|-----------------------------------|----|----|------------------|
| S13 | 142 | (jitter near compensat\$4) same error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:51 |
| S14 | 26 | (jitter near compensat\$4) same error same filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:52 |
| S15 | 2334 | jitter with filter\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:52 |
| S16 | 63022 | filter with (tap\$1 or weight or coefficient) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:53 |
| S17 | 4019 | filter with (tap\$1 or weight or coefficient) with error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 18:10 |
| S18 | 3 | ((jitter with filter\$4) and (filter with (tap\$1 or weight or coefficient) with error)) and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:54 |
| S19 | 84 | (jitter with filter\$4) and (filter with (tap\$1 or weight or coefficient) with error) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:58 |
| S20 | 7402 | phase near (distortion or jitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 18:10 |
| S21 | 1129 | filter\$4 with (phase near (distortion or jitter)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:59 |
| S22 | 81 | (filter with (tap\$1 or weight or coefficient) with error) and (filter\$4 with (phase near (distortion or jitter))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 17:59 |
| S23 | 26889 | phase near (error or distortion or jitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 18:10 |
| S24 | 576 | (filter with (tap\$1 or weight or coefficient) with error) and (phase near (error or distortion or jitter)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 18:10 |

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|-----|-----|---|-----------------------------------|----|----|------------------|
| S25 | 972 | filter with (tap\$1 or weight or coefficient) with error with updat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 18:11 |
| S26 | 127 | (phase near (error or distortion or jitter)) and (filter with (tap\$1 or weight or coefficient) with error with updat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:15 |
| S27 | 135 | hitachi.as. and jitter and channel | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:16 |
| S28 | 74 | (hitachi.as. and jitter and channel) and filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:16 |
| S29 | 34 | ((hitachi.as. and jitter and channel) and filter) and compensation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:16 |
| S30 | 1 | ofdm and (((hitachi.as. and jitter and channel) and filter) and compensation) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:16 |
| S31 | 16 | receiver and (((hitachi.as. and jitter and channel) and filter) and compensation) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:18 |
| S32 | 95 | hitachi.as. and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:18 |
| S33 | 1 | hitachi.as. and ofdm and filter and (phase near (jitter or distortion or error)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:19 |
| S34 | 3 | hitachi.as. and ofdm and (phase near (jitter or distortion or error)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:20 |
| S35 | 70 | hitachi.as. and ofdm and receiver | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:20 |
| S36 | 15 | hitachi.as. and ofdm and receiver and filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:20 |

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| S37 | 28 | (joshua near koslov).in. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:24 |
| S38 | 0 | ofdm and ((joshua near koslov).in.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:38 |
| S39 | 275 | (channel near (estimat\$4 or compensat\$4)) and (phase near (error or jitter or distortion)) and (filter same (tap or coefficient or weight)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:39 |
| S40 | 55 | ((channel near (estimat\$4 or compensat\$4)) and (phase near (error or jitter or distortion)) and (filter same (tap or coefficient or weight))) and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:44 |
| S41 | 119 | ((phase near (error or jitter or distortion)) same (filter near4 (weight or tap or coefficient)) same control\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:06 |
| S42 | 4 | (((phase near (error or jitter or distortion)) same (filter near4 (weight or tap or coefficient)) same control\$4)) and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 15:45 |
| S43 | 52 | (((phase near (error or jitter or distortion)) with (filter near4 (weight or tap or coefficient))) same control\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:09 |
| S44 | 57 | ofdm same jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:09 |
| S45 | 44 | (ofdm same jitter) and filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:09 |
| S46 | 34 | (ofdm same jitter) and (filter same error) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:17 |
| S47 | 307 | ((phase near (jitter or error or distortion)) with filter) same (filter with (tap or weight or coefficient)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:24 |
| S48 | 5 | ofdm and (((phase near (jitter or error or distortion)) with filter) same (filter with (tap or weight or coefficient))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:19 |

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|-----|-------|--|-----------------------------------|----|----|------------------|
| S49 | 7 | ((phase near (jitter or error or distortion)) near filter) same (filter with (tap or weight or coefficient)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:26 |
| S50 | 857 | ((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:34 |
| S51 | 730 | ((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:34 |
| S52 | 433 | ((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter)) and receiver | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:36 |
| S53 | 3620 | (multi near (carrier or tone)) and receiver | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:37 |
| S54 | 1387 | (multi near (carrier or tone)) same receiver | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:37 |
| S55 | 7 | ((multi near (carrier or tone)) same receiver) and (((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:40 |
| S56 | 67887 | filter with (memory or ram or rom or buffer or storage or register) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:41 |
| S57 | 308 | (((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter)) and (filter with (memory or ram or rom or buffer or storage or register))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:41 |
| S58 | 7 | (((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter)) and (filter with (memory or ram or rom or buffer or storage or register))) and (multi near2 (carrier or tone)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 16:44 |

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|-----|-------|---|-----------------------------------|----|----|------------------|
| S59 | 136 | (((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter)) and (filter with (memory or ram or rom or buffer or storage or register))) and (antenna or modem) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:26 |
| S60 | 271 | (((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter with control)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:24 |
| S61 | 316 | (((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter with control\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:24 |
| S62 | 67887 | filter with (memory or ram or rom or buffer or storage or register) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:48 |
| S63 | 154 | (((phase near (jitter or error or distortion)) with filter) and (filter with (tap or weight or coefficient)) and ((error or difference) with filter with control\$4))) and (filter with (memory or ram or rom or buffer or storage or register)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:47 |
| S64 | 2900 | pll same jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:47 |
| S65 | 459 | (pll with filter) same jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:48 |
| S66 | 8002 | pll same (memory or ram or rom or buffer or storage or register) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:48 |
| S67 | 151 | ((pll with filter) same jitter) and (pll same (memory or ram or rom or buffer or storage or register)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:49 |
| S68 | 1 | (((pll with filter) same jitter) and (pll same (memory or ram or rom or buffer or storage or register))) and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:50 |

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|-----|------|--|-----------------------------------|----|----|------------------|
| S69 | 21 | ((pll with filter) same jitter) and (pll same (memory or ram or rom or buffer or storage or register))) and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 17:50 |
| S70 | 1164 | ofdm and filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 16:28 |
| S71 | 331 | ofdm and (filter same (coefficient or tap or weight)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 16:28 |
| S72 | 81 | ofdm and (filter same (coefficient or tap or weight) same (error or difference)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 16:29 |
| S73 | 42 | S72 and (phase with (jitter or error or distortion)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 16:43 |
| S74 | 8573 | (phase with (jitter or error or distortion) with filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 17:26 |
| S75 | 98 | S70 and S74 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 16:43 |
| S76 | 8573 | (phase with (jitter or error or distortion) with filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 17:26 |
| S77 | 98 | ofdm and S76 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 17:27 |
| S78 | 4248 | ((phase near (jitter or error or distortion)) with filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 17:26 |
| S79 | 46 | ofdm and S78 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 17:49 |
| S80 | 64 | (phase near jitter\$4) with filter with error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 17:59 |

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| S81 | 2 | S80 and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 17:50 |
| S82 | 2 | ("5,228,062").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/09 17:50 |
| S83 | 3799 | (phase near (difference or error or distortion or jitter\$4)) with filter with error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 18:00 |
| S84 | 113842 | (phase near (difference or error or distortion or jitter\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 18:00 |
| S85 | 10169 | S84 with filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:29 |
| S86 | 2269 | ofdm with receiv\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:30 |
| S87 | 4634 | (phase near (jitter\$4 or distortion or error)) with filter\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:30 |
| S88 | 58869 | filter with (tap or weight or coefficient) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:30 |
| S89 | 9 | S86 and S87 and S88 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:45 |
| S90 | 908 | S87 and S88 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:47 |
| S94 | 2042 | ofdm with receive\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:48 |
| S95 | 2269 | ofdm with receiv\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:48 |

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|------|--------|--|--|----|-----|------------------|
| S96 | 9 | S90 and S95 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 10:48 |
| S100 | 0 | ("6608863").URPN. | USPAT | OR | OFF | 2004/11/10 11:00 |
| S101 | 4 | (("6188717") or ("6219334")).PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 11:13 |
| S102 | 1360 | filter with updat\$4 with error | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 11:13 |
| S103 | 1555 | filter with updat\$4 with (error or difference) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 11:14 |
| S104 | 1738 | filter with jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 11:13 |
| S105 | 2 | S103 and S104 and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 11:13 |
| S106 | 50946 | filter with (error or difference) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 11:14 |
| S107 | 9 | S104 and ofdm and S106 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 13:25 |
| S108 | 7417 | phase near (distortion or jitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:28 |
| S109 | 153755 | phase with (remov\$4 or compensat\$4 or eliminat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:28 |
| S110 | 34398 | (filter near4 (weight or tap or coefficient)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:30 |

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| S11 1 | 1935 | S108 same S109 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:29 |
| S11 2 | 278 | S110 and S111 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:29 |
| S11 3 | 260 | S112 and (filter same phase) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:29 |
| S11 4 | 241 | S112 and (filter with phase) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:29 |
| S11 5 | 90 | (filter near4 (weight or tap or coefficient)) with jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:30 |
| S11 6 | 36 | S114 and S115 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:58 |
| S11 7 | 321 | (phase near jitter) same (memory or storage or buffer or register or rom or ram) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:59 |
| S11 8 | 345 | (phase near jitter) with filter\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:59 |
| S11 9 | 50 | S117 and S118 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:32 |
| S12 0 | 2342 | jitter with filter\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:41 |
| S12 1 | 0 | S120 and ofdm and demodult\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:33 |
| S12 5 | 11 | S120 and ofdm and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:41 |

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| S12 6 | 4629 | (phase near (distortion or jitter or error)) with filter\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:41 |
| S12 7 | 35 | S126 and ofdm and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:42 |
| S12 8 | 0 | 375/378.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 14:32 |
| S12 9 | 1679 | 375/371.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 14:32 |
| S13 0 | 326 | 375/328.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 14:32 |
| S13 1 | 1999 | S129 or S130 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 14:32 |
| S13 2 | 966 | (phase near jitter\$4) same (error or difference) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 14:33 |
| S13 3 | 246 | (phase near jitter\$4) same (error or difference) same filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 14:43 |
| S13 4 | 1974 | jitter with filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 14:43 |
| S13 5 | 157 | S133 and S134 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 14:43 |
| S13 6 | 86 | S135 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 14:51 |
| S13 7 | 2 | ofdm and S136 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 14:51 |

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|----------|------|---|--|----|-----|------------------|
| S13 8 | 4 | ("4317206" "4953186" "4985900" "5987069").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/14 14:56 |
| S13 9 | 4 | ("6246717").URPN. | USPAT | OR | OFF | 2004/11/14 15:01 |
| S14 0 | 48 | ofdm same jitter | USPAT | OR | OFF | 2004/11/14 15:01 |
| S14 1 | 48 | ofdm same jitter | USPAT | OR | ON | 2004/11/14 15:01 |
| S14 2 | 28 | ofdm same jitter same filter | USPAT | OR | ON | 2004/11/14 15:10 |
| S14 3 | 300 | 375/328.ccls. | USPAT | OR | ON | 2004/11/14 15:10 |
| S14 4 | 985 | 375/371.ccls. | USPAT | OR | ON | 2004/11/14 15:11 |
| S14 5 | 6 | S143 and S144 | USPAT | OR | ON | 2004/11/14 15:12 |
| S14 6 | 1279 | S143 or S144 | USPAT | OR | ON | 2004/11/14 15:12 |
| S14 7 | 294 | S146 and jitter and filter | USPAT | OR | ON | 2004/11/14 15:12 |
| S14 8 | 118 | S146 and (jitter with filter) | USPAT | OR | ON | 2004/11/14 15:13 |
| S14 9 | 46 | S148 and demodulat\$4 | USPAT | OR | ON | 2004/11/14 15:14 |
| S15 2 | 725 | ofdm near receiver | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:06 |
| S15 3 | 1999 | 375/371,328.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:06 |
| S15 4 | 3 | S152 and S153 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:09 |
| S15 5 | 0 | jitter and S154 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:10 |
| S15 6 | 3 | phase and S154 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:16 |

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| S15 7 | 56 | ofdm same jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:16 |
| S15 8 | 44 | filter and S157 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:17 |
| S15 9 | 12329 | jitter.ab. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:17 |
| S16 0 | 102169 | phase same filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:17 |
| S16 1 | 1418 | S159 and S160 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 16:17 |
| S16 2 | 7 | S161 and ofdm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 17:00 |
| S16 3 | 1 | ofdm and (jitter with filter).ab. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 17:00 |
| S16 4 | 11 | ofdm and (jitter with filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 17:26 |
| S16 5 | 4 | ("5175746").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 17:45 |
| S16 6 | 160 | constant near modulus near algorithm | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 17:45 |
| S16 7 | 15 | jitter and S166 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 17:56 |
| S16 8 | 1993 | ofdm and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 18:54 |

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| S16 9 | 7 | ofdm and demodulat\$4 and S166 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 18:30 |
| S17 0 | 134 | ofdm and phase and filter and (coefficient or tap or weight) and (phase near (error or distortion or jitter)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 18:29 |
| S17 1 | 158 | ofdm and phase and filter and (coefficient or tap or weight) and (phase near (error or distortion or jitter)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 18:30 |
| S17 2 | 141 | ofdm and demodulat\$4 and S171 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 18:30 |
| S17 3 | 97 | ofdm and phase and (filter same (coefficient or tap or weight)) and (phase near (error or distortion or jitter)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 18:35 |
| S17 4 | 17 | ofdm and phase and ((filter same (coefficient or tap or weight)) same (phase near (error or distortion or jitter))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 18:53 |
| S17 5 | 598 | ((filter same (coefficient or tap or weight)) same (phase near (error or distortion or jitter))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 18:53 |
| S17 6 | 272 | S175 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 18:54 |
| S17 7 | 89 | S176 and jitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 20:28 |
| S17 8 | 88 | fft and (sampling or adc or resampling) and channel and jitter and filter and (latch or switch or select\$4) and (filter with (tap or coefficient or weight)) and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 20:29 |
| S17 9 | 36 | S178 and (dmt or ofdm) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/14 20:30 |
| S18 0 | 5 | ("5608764" "6031868" "6067319" "6088386" "6101230").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/14 20:55 |

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| S18 1 | 1 | ("6370188").URPN. | USPAT | OR | OFF | 2004/11/14 21:07 |
| S18 2 | 27 | fir with jitter | USPAT | OR | OFF | 2004/11/14 21:07 |
| S18 3 | 30 | fir with jitter | USPAT | OR | ON | 2004/11/14 21:08 |
| S18 4 | 3 | S183 and (ofdm or dmt) | USPAT | OR | ON | 2004/11/14 21:07 |
| S18 5 | 1400 | filter with jitter | USPAT | OR | ON | 2004/11/14 21:31 |
| S18 6 | 4 | ("5175746").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/14 21:32 |
| S18 7 | 0 | (dmt or ofdm) and S186 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 08:08 |
| S18 8 | 2 | ("6452987").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 08:08 |
| S18 9 | 0 | jitter and S188 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:16 |
| S19 0 | 92 | dmt and fft and ((buffer or ram or rom or memory) same filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:17 |
| S19 1 | 55 | dmt and fft and ((buffer or ram or rom or memory) with filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:19 |
| S19 2 | 34 | dmt and fft and ((buffer or ram or rom or memory) with filter with (signal or data)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:46 |
| S19 3 | 2 | ("6246717").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:46 |
| S19 4 | 1 | (MEMORY or buffer or ram or rom or storage) and S193 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:04 |

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| S19 5 | 1 | stor\$4 and S193 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:05 |
| S19 6 | 14296 | filter and (phase near (jitter or distortion or error)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:01 |
| S19 7 | 2696 | S196 and (filter same (tap weight coefficient)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:14 |
| S19 8 | 106 | S197 and ofdm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:04 |
| S19 9 | 1 | (decision near error) and S198 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:08 |
| S20 0 | 352467 | (updat\$4 correct\$4 chang\$4) WITH (JITTER ERROR) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:10 |
| S20 1 | 6968 | S196 and S200 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:10 |
| S20 2 | 2696 | S196 and S197 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:10 |
| S20 3 | 1657 | S200 and S197 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:10 |

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| S20 4 | 88 | ofdm and S203 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:10 |
| S20 5 | 10 | ("20010015954" "5867478" "6091702" "6449245" "6515960" "6545997" "6567374" "6606296" "6678337" "6768713").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/04 14:14 |
| S20 6 | 3649 | decision feedback equalization | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/04 14:14 |
| S20 7 | 306 | ofdm and S206 | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/04 14:14 |
| S20 8 | 175 | S207 and (filter same (tap weight coefficient)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:14 |
| S20 9 | 49 | S196 and S208 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:25 |
| S21 0 | 2 | ("6452987").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/04 14:25 |
| S21 1 | 1 | S210 and (timing pll) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:27 |
| S21 2 | 747 | (timing near recovery) and S206 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:28 |

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| S21 3 | 106 | ofdm and S198 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:35 |
| S21 4 | 81 | ofdm and S212 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:40 |
| S21 5 | 51783 | error same timing | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:41 |
| S21 6 | 838 | S215 and S197 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 14:41 |
| S21 7 | 58 | S216 and ofdm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 15:38 |
| S21 8 | 3 | (decision and pilot) near error | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 15:40 |
| S21 9 | 4 | (decision and (non near2 decision)) near error | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:11 |
| S22 0 | 367 | (decision near error) same (select\$4 multiplex\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:25 |
| S22 1 | 3649 | decision feedback equalization | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/05 09:50 |

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| S22 2 | 3649 | S221 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:12 |
| S22 3 | 80 | S220 and S222 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:14 |
| S22 4 | 607 | dfe same (select\$4 multiplex\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:14 |
| S22 5 | 96 | S224 and (decision near directed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:19 |
| S22 6 | 122 | ofdm and (pilot same (select\$4 multiplex\$4)) and S221 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:22 |
| S22 7 | 41 | dfe same pilot | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:22 |
| S22 8 | 79750 | error with (select\$4 multiplex\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:25 |
| S22 9 | 1063 | S221 and S228 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:25 |

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| S23 0 | 155 | (decision near error) and S229 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 16:26 |
| S23 1 | 97 | (decision near error) and S229 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 09:49 |
| S23 2 | 6480 | (filter with (tap weight coefficient)) same error | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 09:50 |
| S23 3 | 40311 | filter with (counter times) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/05 09:50 |
| S23 4 | 883 | S232 and S233 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/05 09:50 |
| S23 5 | 3653 | decision feedback equalization | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/05 09:50 |
| S23 6 | 137 | S234 and S235 | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/05 09:56 |
| S23 7 | 52 | 375/236.ccls. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/05 09:56 |
| S23 8 | 0 | S236 and S237 | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/05 09:56 |
| S23 9 | 10 | S237 and S235 | US-PGPUB; USPAT; USOCR | AND | ON | 2005/07/05 09:56 |
| S24 0 | 17 | ("4459698").URPN. | USPAT | OR | ON | 2005/07/05 09:59 |
| S24 1 | 9 | counter and S240 | USPAT | OR | ON | 2005/07/05 10:01 |
| S24 2 | 7 | error and S241 | USPAT | OR | ON | 2005/07/05 10:03 |
| S24 3 | 368 | S235 and (counter same (memory buffer storage ram rom)) | USPAT | OR | ON | 2005/07/05 10:06 |

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| S24 4 | 91 | S232 and S243 | USPAT | OR | ON | 2005/07/05 10:04 |
| S24 5 | 48 | S235 and (counter with filter same (memory buffer storage ram rom)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:08 |
| S24 6 | 26 | S235 and (counter with (filter same (memory buffer storage ram rom))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:13 |
| S24 7 | 597 | S235 and (filter\$4 with (threshold criteri\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:30 |
| S24 8 | 202 | S232 and S247 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:14 |
| S24 9 | 5 | ("20030058967" "5386239" "5894334" "6085351" "6668014").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/05 10:29 |
| S25 0 | 42081 | (repeat\$4 updat\$4 iteration) with filter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:30 |
| S25 1 | 983 | S235 and S250 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:30 |
| S25 2 | 381 | S232 and S251 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:30 |

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| S25 3 | 27408 | (repeat\$4 updat\$4 iteration) near6 filter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:30 |
| S25 4 | 332 | S252 and S253 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:30 |
| S25 5 | 127 | S254 and (filter\$4 with (threshold criteri\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 11:10 |
| S25 6 | 4 | filter with (updat\$4 near number near times) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 11:12 |
| S25 7 | 286 | filter with (updat\$4 near times) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 11:14 |
| S25 8 | 18 | S235 and S257 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 11:12 |
| S25 9 | 334 | filter with (updat\$4 with threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 11:14 |
| S26 0 | 30 | S235 and S259 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 11:14 |